DT02 Rec'd PCT/PTO

02 Rec'd PCT/PTO 2 8 JAN 2005 PTO-1390 (Rev. 12-2004) Approved for use through 3/31/2007, OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | ANSMITTAL LETTER TO | ATTORNEY'S DOCKET NUMBER 12123-0004 | | | | | | | | | |
|---|---|---|---|--|--|--|--|--|--|--|--|
| DESIGNATED/ELECTED O | | | U.S. APPLICATION NO (It known see 37 CFR 1.5) | | | | | | | | |
| | | ON UNDER 35 U.S.C. 371 | not yet Uhs Dened 844 | | | | | | | | |
| PCT/G | TIONAL APPLICATION NO. B2003/003373 | INTERNATIONAL FILING DATE 31 July 2003 | PRIORITY DATE CLAIMED 02 August 2002 | | | | | | | | |
| TITLE OF | INVENTION CYCTEM FOR | DEADING FIGU | | | | | | | | | |
| SYSTEM FOR REARING FISH APPLICANT(S) FOR DO/EO/US | | | | | | | | | | | |
| Colin John MACLEOD | | | | | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | | | | |
| | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | | | |
| | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | | | |
| 3. | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | | | | |
| 4. X | The US has been elected (Article 31). | | | | | | | | | | |
| 5. X | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | | | | |
| | a. \overline{X} is attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | | |
| + | b. has been communicated by the International Bureau. | | | | | | | | | | |
| | c. Is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | | | | |
| Ĝ, 🔲 | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | | | | |
| | a. is attached hereto. | | | | | | | | | | |
| | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 7. | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | | | | |
| a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | | | |
| | b. have been communicated by the International Bureau. | | | | | | | | | | |
| , | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | | | |
| | d. have not been made and | will not be made. | : | | | | | | | | |
| 8. | An English language translation of the | he amendments to the claims under PCT Art | ticle 19 (35 U.S.C. 371(c)(3)). | | | | | | | | |
| y. X | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | | | | |
| 10. | An English language translation of the Article 36 (35 U.S.C. 371(c)(5)). | ne annexes of the International Preliminary E | xamination Report under PCT | | | | | | | | |
| Items 11 to 20 below concern document(s) or information included: | | | | | | | | | | | |
| 11. | An Information Disclosure Statement | under 37 CFR 1.97 and 1.98. | | | | | | | | | |
| 12. 🗌 | An assignment document for recordi | ng. A separate cover sheet in compliance wi | ith 37 CFR 3.28 and 3.31 is included. | | | | | | | | |
| 13. X | A preliminary amendment. | | | | | | | | | | |
| 14. | An Application Data Sheet under 37 | CFR 1.76. | | | | | | | | | |
| 15. | A substitute specification. | | | | | | | | | | |
| 16. 🔲 | A power of attorney and/or change o | f address letter. | | | | | | | | | |
| 17. | A computer-readable form of the seq | quence listing in accordance with PCT Rule 1 | 13ter.2 and 37 CFR 1.821- 1.825. | | | | | | | | |
| 18. | A second copy of the published Inter | rnational Application under 35 U.S.C. 154(d) | (4). | | | | | | | | |
| 19. | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 20 🗆 | Other items or information: | | | | | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. | | | | | | | ATTORNEY'S DOCKET NUMBER | | | | |
|--|---|---------------------------|--|------------|----------------|----|--------------------------|-----------------|--|--|--|
| not yet | assign of 52 | 12123-0004 | | | | | | | | | |
| 21. The following fees are submitted: | | | | | | | plicant use | Office use only | | | |
| X a) Basic national fee\$300.00 | | | | | | | | | | | |
| X b) Examination fee \$200.00 | | | | | | | | | | | |
| X c) Search fee\$500.00 | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | | | | 1000.00 | | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each | | | | | | | | | | | |
| additional 50 sheets of paper or fraction thereof. | | | | | | | | | | | |
| Total Sheets | Extra sheets | | umber of each additional 50 or fraction thereof (round up to a whole number) | | | | | | | | |
| 21-100= | O /50 = | | | x \$250.00 | | \$ | 0 | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | | | | | | |
| CLAIMS | NUMBER FIL | NUMBER FILED NUMBER EXTRA | | RATE | | \$ | | | | | |
| Total claims | 12 | - 20 = | 0 | x \$50.00 | | \$ | 0 | | | | |
| Independent clai | ims 1 | - 3 = | 0 | x \$200.00 | | \$ | 0 | | | | |
| MULTIPLE DEP | ENDENT CLAIM(S) (if ap | plicable) | | + | \$360.00 | \$ | 0 | | | | |
| • | | | TOTAL OF ABOVE | | | \$ | 1000.00 | | | | |
| Applicant of by ½. | laims small entity status. | See 37 CI | FR 1.27. The fees indicated ab | ove ar | re reduced | \$ | 500.00 | | | | |
| | | | | | SUBTOTAL = | \$ | 500.00 | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | | | | | | | 500.00 | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = | | | | | | | 500.00 | | | | |
| Amount to be refunded: | | | | | | | | \$ | | | |
| Amount to be charged | | | | | | | | \$ | | | |
| a. X A chec | ck in the amount of \$ | 500.0 | to cover the abo | ve fee | s is enclosed. | | | | | | |
| | | | | | | | | | | | |
| c. X The Co | | | | | | | | | | | |
| d. Fees a | d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not | | | | | | | | | | |
| be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | | | | |
| - | her W. Brody | K. | W. (Mr | te | | | | | | | |
| Clark & | = | | | | | | | | | | |
| 1090 Vermont Avenue, NW, Suite 250 Washington, DC 20005 NAME | | | | | | | oher W. Brody | | | | |
| 202-835- | | | | | | | | | | | |
| January 28, 2005 33,613 | | | | | | | ON NI IMPED | | | | |
| Customer | No. 22902 | ON NUMBER | | | | | | | | | |